

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)

API NUMBER: 007 25649

Approval Date: 11/26/2013
Expiration Date: 05/26/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 1N Rge: 20ECM County: BEAVER

SPOT LOCATION: SE NW NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 350 550

Lease Name: BAGGETT

Well No: 2H-22

Well will be 350 feet from nearest unit or lease boundary.

Operator Name: CHAPARRAL ENERGY LLC

Telephone: 4054264481

OTC/OCC Number: 16896 0

CHAPARRAL ENERGY LLC
701 CEDAR LAKE BLVD
OKLAHOMA CITY, OK 73114-7800

LINDA KIMREY
1320 PIGEON VIEW DRIVE
ROUND ROCK TX 78665

Formation(s) (Permit Valid for Listed Formations Only):

Name	Depth	Name	Depth
1 MARMATON	6208	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 609587

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201307426
201307427

Special Orders:

Total Depth: 11700

Ground Elevation: 2901

Surface Casing: 2000

Depth to base of Treatable Water-Bearing FM: 390

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 50000 Average: 5000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: OGALLALA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

HORIZONTAL HOLE 1

Sec 22 Twp 1N Rge 20E County BEAVER

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 200

Feet From: WEST 1/4 Section Line: 550

Depth of Deviation: 6208

Radius of Turn: 512

Direction: 360

Total Length: 4958

Measured Total Depth: 11700

True Vertical Depth: 6720

End Point Location from Lease,
Unit, or Property Line: 200

Notes:

Category	Description
DEEP SURFACE CASING	11/26/2013 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
PENDING CD - 201307426	11/26/2013 - G30 - 22-1N-20ECM X609587 MRMN 3 WELLS NO OP. NAMED REC 11/25/13 (NORRIS)
PENDING CD - 201307427	11/26/2013 - G30 - 22-1N-20ECM X609587 MRMN COMP. INT. NCT 165 FSL, NCT 165 FNL, NCT 500 FWL NO OP. NAMED REC 11/25/13 (NORRIS)
SPACING - 609587	11/26/2013 - G30 - (640 HOR) 22-1N-20ECM DEL 479691 MRMN EXT 596954 MRMN EST OTHERS POE TO BHL NCT 660' FB (COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS; SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS)

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.